ABSTRACT OF THE DISCLOSURE

A method and apparatus for checking the level of SNMP MIB support by network devices. An input text file indicating the MIB variables and their associated VALID/INVALID values is provided by the device designer. An input file is created for each NMS management

5   application for which support is desired or required. The process includes identifying the variable, obtaining the value for the variable, and checking the value against any and all VALID/INVALID values. If the value of any variable is found to not be valid or to be invalid, then an error message is generated. The process is repeated with each MIB variable in the input file provided by the device designer. After the input file is empty, one or more output files for

10   each NMS management application for which support has been checked is generated.